

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP 03/11789

A. CLASSIFICATION OF SUBJECT MATTER	IPC 7 G11C29/00	G11C16/34	G11C16/10	G06F12/02	G06F17/30
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11C G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 412 080 B1 (FLEMING MICHAEL K ET AL) 25 June 2002 (2002-06-25) abstract; figure 3A column 6, line 27 -column 7, line 6	1-31
A	WO 00 68794 A (WEISS DIETER ;GIESECKE & DEVRIENT GMBH (DE)) 16 November 2000 (2000-11-16) abstract; figure 3 page 2 -page 6	1-31
A	EP 0 834 882 A (NOKIA MOBILE PHONES LTD) 8 April 1998 (1998-04-08) column 2, line 5 - line 28	1-31

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the International search

30 March 2004

Date of mailing of the International search report

27/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 241 677 A (NIPPON ELECTRIC CO) 18 September 2002 (2002-09-18) figures 12A-13D paragraph '0041! - paragraph '0046! paragraph '0081! - paragraph '0104! -----	1-31
A	EP 0 398 545 A (DELCO ELECTRONICS CORP) 22 November 1990 (1990-11-22) abstract; figures 1A-1E -----	1-31

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.
PCT/JP 03/11789

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6412080	B1	25-06-2002	NONE			
WO 0068794	A	16-11-2000	DE AT AU CN DE WO EP JP US	19921232 A1 246821 T 4755000 A 1359493 T 50003203 D1 0068794 A1 1190324 A1 2002544590 T 6622205 B1		16-11-2000 15-08-2003 21-11-2000 17-07-2002 11-09-2003 16-11-2000 27-03-2002 24-12-2002 16-09-2003
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